



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/575,170	05/23/2000	Paul Lapstun	NPX011US	9181

24011 7590 08/12/2002

SILVERBROOK RESEARCH PTY LTD
393 DARLING STREET
BALMAIN, 2041
AUSTRALIA

EXAMINER

ABDULSELAM, ABBAS L

ART UNIT PAPER NUMBER

2674

DATE MAILED: 08/12/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/575,170

Applicant(s)

LAPSTUN ET AL.

Examiner

Abbas I Abdulsalam

Art Unit

2674

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 May 2002.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-148 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-148 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ | 6) <input type="checkbox"/> Other: _____ |

Art Unit: 2674

DETAILED ACTION

Response to Arguments

1. Applicant's arguments filed on 05/22/02 have been fully considered but they are not persuasive.

Claim Rejections 35 U.S.C. 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-148 are rejected under 35 U.S.C. 102(b) as being anticipated by Ward et al. (USPN 5491495).

Regarding claims 1, 29 and 56, Ward teaches a system where a user interacts with computer software using stylus. Ward teaches an interface system that provides the user with feedback and a movement of stylus that generates movement data. See col. 3, lines 1-19. Ward teaches tablet controller as well as an interface processor (32) that manages input from a tablet and presents feedback to the user through ink and mask planes (42, 44). In addition the tablet controller starts and stops sending data depending on a user initiative See col. 7, lines 47-67 and col. 30, lines 19-34. Ward teaches a user interface as called by an application where the main processor can pass a code to the interface processor identifying the service to be performed. See

Art Unit: 2674

Regarding claims 2, 30, 57, 80-82 and 113-115, Ward teaches recognition of hand written characters. See col. 23, lines 25-30.

Regarding claims 3, 31 and 58, 92 , 110-111, 125, and 144-145, Ward teaches recognition and sending of characters strings to the application. See Fig 10.

Regarding claims 4 and 65, Ward teaches the letter boxes which are fixed and visible and their association with the handwriting icon. See fig 10.

Regarding claims 5, 32, 59 and 83-84, 88, 116-117, 121 and 126, Ward teaches recognition algorithm that recognizes a legible written characters. See col. 19, lines 55-67.

Regarding claims 6, 33, 35, 60, and 93, Ward teaches a screen display with a text editing application. See Fig 10.

Regarding claims 7, 34, 61 ,64, 85 and 118, Ward teaches major hardware components of a computer system. See Fig 2 and Fig 3.

Regarding claims 8-9, 36, 62-63, 86-87 and 119-120, Ward teaches editing process in connection with recalling and redisplaying.

Regarding claims 10, 37 and 66, Ward teaches the rate at which touching the styles display takes place. See col. 25, lines 27-35.

Regarding claims 11, 38 and 67, Ward teaches highlighting particular area of display in response to stylus position. See col. 18, lines 13-18.

Regarding claims 12-13, 39-40, 68-69, 94-97, 127-132 and 146-148, Ward teaches a real time clock (82)as well as an optimizer. See col. 9, lines 24-30.

Art Unit: 2674

Regarding claims 12-13, 39-40, 68-69, 94-97, 127-132 and 146-148, Ward teaches a real time clock (82) as well as an optimizer. See col. 9, lines 24-30.

Regarding claims 14-15, 41-42 and 70-71, 98-99 and 133, see Fig 1 and 10.

Regarding claims 16 and 43, 100 and 134, Ward teaches writing directly on the screen. See col. 2, lines 41-46.

Regarding claims 17, 44 and 72, 101 and 135, Ward teaches wide execution of stylus motion to generate data. See Fig 1 and Fig 10.

Regarding claims 18-20, 45-47, 102-105 and 136-139, Ward teaches the use of simulated devices user interface that use the tablet input including simulated mouse and hand writing input device. See Fig 1 and 10.

Regarding claims 21-23, 48-50, 73-75, 89-91 and 122-124, Ward teaches a process by which one can identify the code and the data. See col. 13, lines 52-55

Regarding claims 24-26, 51-53 and 76-78, 106-109 and 140-143, Ward teaches a tablet sensing the stylus to adequately provide "X, Y" position data. See col. 17, lines 4-8.

Regarding claims 27-28 and 54-55, Ward teaches memory maps showing how the ink and the mask data is stored. See Fig 8.

Art Unit: 2674

Conclusion

3. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Art Unit: 2674

4. Any inquiry concerning this communication or earlier communication from the examiner should be directed to **Abbas Abduselam** whose telephone number is **(703) 305-8591**. The examiner can normally be reached on Monday through Friday (9:00-5:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Richard Hjerpe**, can be reached at **(703) 305-4709**.

Any response to this action should be mailed to:

Commissioner of patents and Trademarks

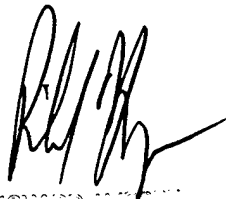
Washington, D.C. 20231

or faxed to:

(703) 872-9314

Hand delivered responses should be brought to crustal park II, Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology center 2600 customer Service office whose telephone number is (703) 306-0377.



Abbas Abduselam

Examiner

Art Unit 2674